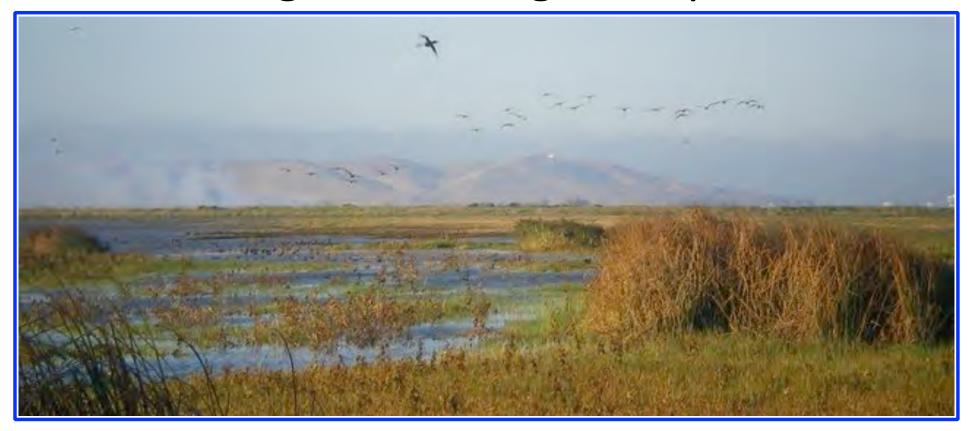
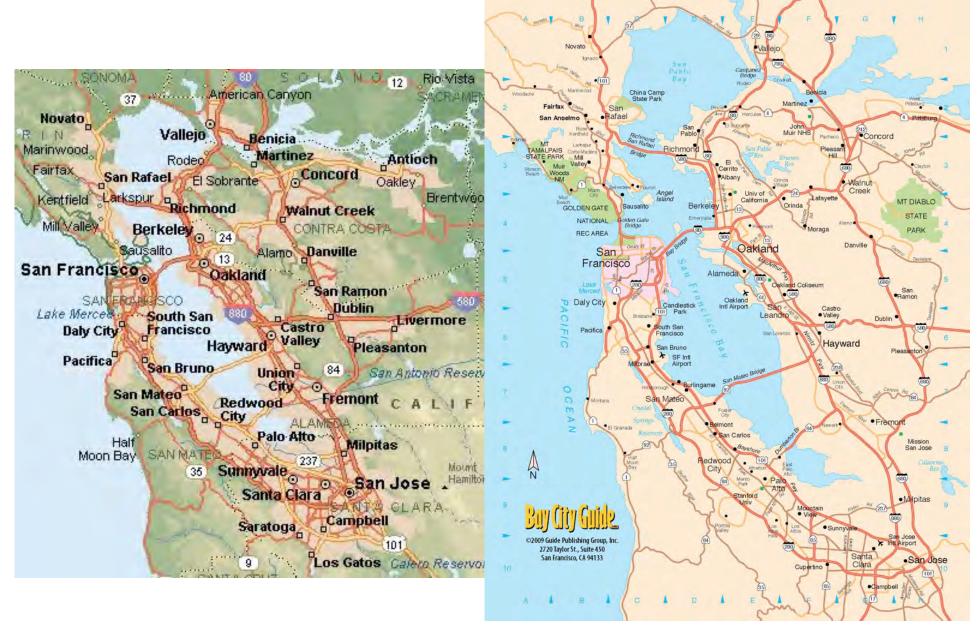
# Suisun Resource Conservation District's Suisun Marsh Management Program Update



Cody Aichele-Rothman --- BCDC Coastal Planner May 5<sup>th</sup>, 2016



Missing something?



## 115,100-acre Suisun Marsh

52,300 acres of managed wetlands

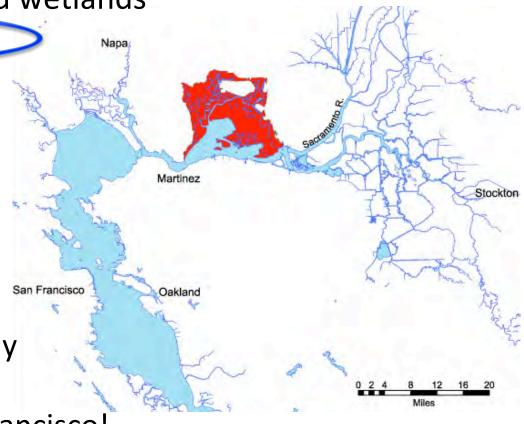
– 37,000 acres private

- 15,300 acres public

- 27,000 acres uplands
- 6,300 acres tidal marsh
- 29,500 acres rivers, bays and sloughs

 The Suisun Marsh is nearly four times the size of the City and County of San Francisco!

 Comprises almost one-sixth of the total area of Solano County.



#### **Brackish Water Marsh**

Where the saltwater ocean meets the freshwater delta

The most productive type of marsh and

support the widest variety of marsh dependent wildlife

 This is the reason the salinity in the marsh shouldn't change



# **Animal Species Diversity**

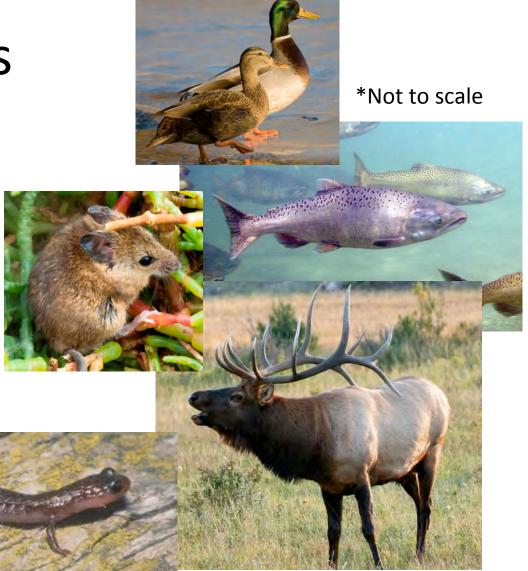
Over 221 birds

Over 40 fish

• 44 mammals

9 reptiles

6 amphibians



## **Plant Species Diversity**

#### Depends on:

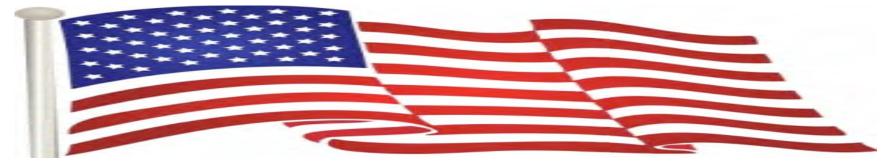
- Length of submergence (duration)
- Water depth
- Root zone soil salinities

These are determined by water supply quality and management.



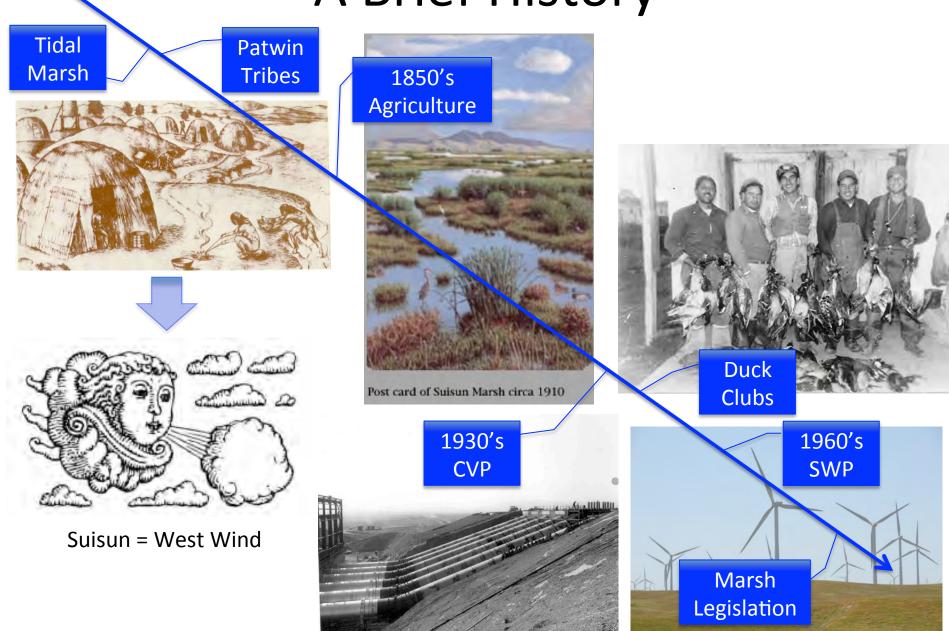
#### Value of Suisun Marsh

- Largest brackish marsh in the United States
- Contains over 10% of the total remaining natural wetlands in California
- Principal wintering area for Pacific flyway
- Supports 80% of the state's commercial salmon fishery



Wildlife habitat of nationwide importance!

# A Brief History





## Timeline:

1976 - Suisun Marsh Protection Plan

1977 - Suisun Marsh Preservation Act\*

1980 – Suisun Marsh Management Program

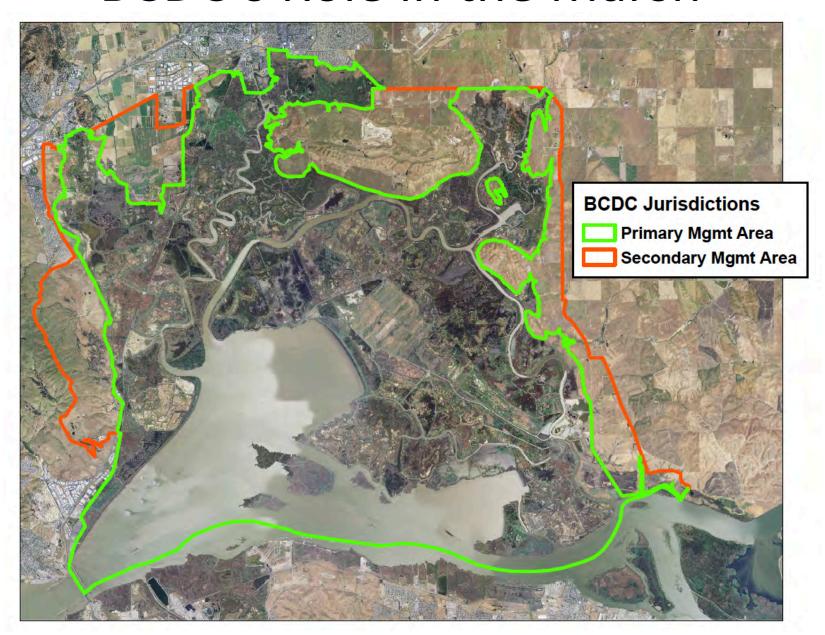
1984 – Individual Management Plans

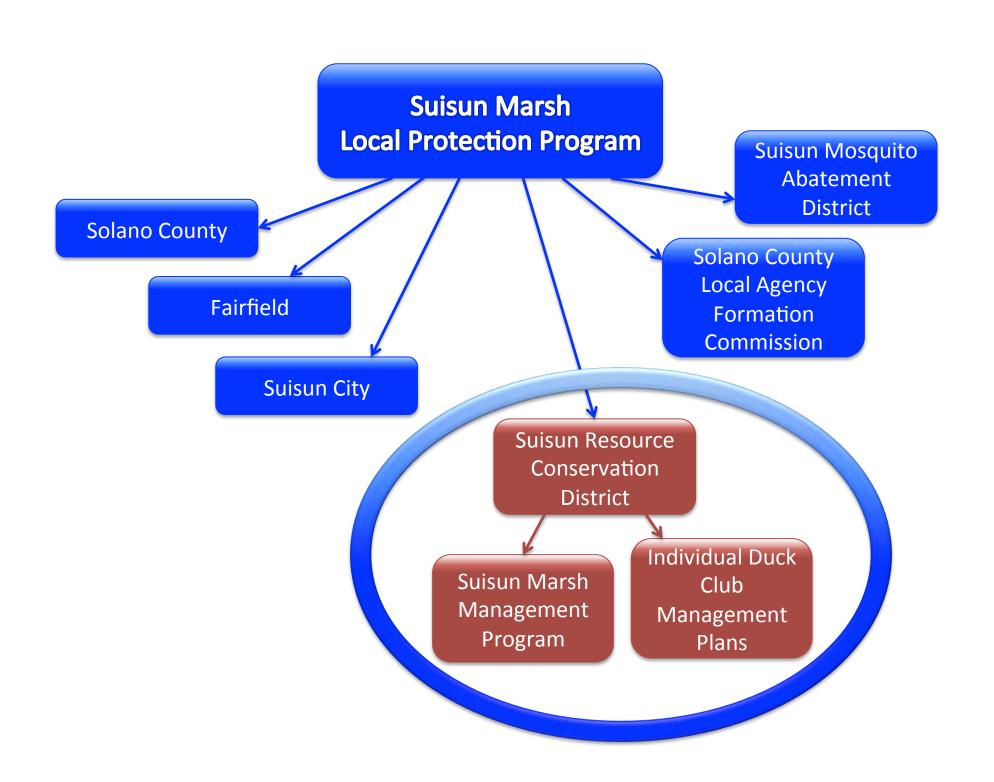
..... 32 years go by.....

2016 – Suisun Marsh Management Program and IMP's update

\*requires BCDC to certify all LPPs

#### BCDC's Role in the Marsh





## Key word definitions:

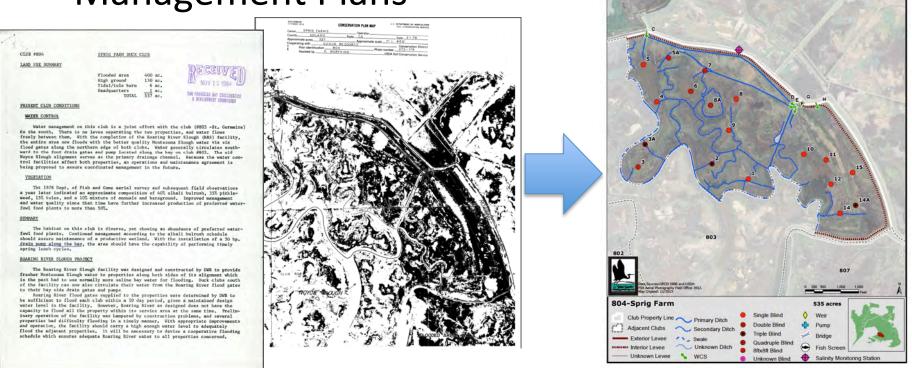
- What is an LPP
  - Local Protection Program Delegation of authorities to the local governments
  - Updating one actively- Suisun RCD LPP
- What is an IMP
  - Individual management and habitat plan for duck clubs
  - Duck club = managed wetlands
- What is a managed wetland?
  - Growing waterfowl food plants to attract birds
  - Actively manipulating water flow across the properties

#### What does BCDC need to Accomplish?

 Update and refresh the Suisun Marsh Management Program

Reinvigorate the 132 Individual Duck Club

Management Plans



# Suisun Marsh Management Program

Describes everyday duck club management

Led by the Suisun Resource Conservation

**District** 

 Provides active duck club landowners in the Marsh a set of pre-approved maintenance and management actions that they can undertake



# Individual Duck Club Habitat and Management Plans (IMPs)

The goals of wetland management are to attract waterfowl, provide food and habitat, and preserve open space while maintaining hunting opportunities and experiences.

- 132 actively managed duck clubs in the Marsh
- Actively working with SRCD to create useful and effective plans that are more meaningful to the landowners
- Create some common language for all plans
- Move from paper hardcopies (blue folders) to digital files and maps
  - GeoMarsh

#### GeoMarsh

- New, transparent webtool for all Suisun Marsh stakeholders developed by BCDC
- Data layers consolidated from individual files
- Better tool for managing information



#### **Next Steps:**

- Suisun Marsh Management Program review by partner resource agencies and release of final draft – Late Spring
- Release of the draft new IMP template Early Summer
- Role of the SCRD is to collect and organize IMP updated information – Summer
- Staff updates for Commission re: Management Program and IMP updates – Summer and Fall
- BCDC Certification process for SRCD LPP Fall

# Questions?



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